

WEST

Help

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Interrupt

Main Menu

Search Form

Posting Counts

Show 8 Numbers

Edit 8 Numbers

Preferences

Cases

Search Results -

Terms	Documents
L3 same denatur\$	8

Database:

US Patents Full-Text Database
 US Pre-Grant Publication Full-Text Database
 JPO Abstracts Database
 EPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L4

Refine Search

Recall Text

Clear

Search History

DATE: Tuesday, January 14, 2003 [Printable Copy](#) [Create Case](#)Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=OR

<u>L4</u>	L3 same denatur\$	8	<u>L4</u>
<u>L3</u>	L2 same electrophores\$	57	<u>L3</u>
<u>L2</u>	L1 same immobiliz\$ same probe	365	<u>L2</u>
<u>L1</u>	(purif\$ or isolate\$) same nucleic	18700	<u>L1</u>

END OF SEARCH HISTORY

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal655axc

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 26 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27 Oct 21 EVENTLINE has been reloaded
NEWS 28 Oct 24 BEILSTEIN adds new search fields
NEWS 29 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 30 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 31 Nov 18 DKILIT has been renamed APOLLIT
NEWS 32 Nov 25 More calculated properties added to REGISTRY
NEWS 33 Dec 02 TIBKAT will be removed from STN
NEWS 34 Dec 04 CSA files on STN
NEWS 35 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36 Dec 17 TOXCENTER enhanced with additional content
NEWS 37 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 38 Dec 30 ISMEC no longer available
NEWS 39 Jan 13 Indexing added to some pre-1967 records in CA/CAPLUS

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information

NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 12:48:01 ON 14 JAN 2003

=> file medline biosis caplus embase

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'MEDLINE' ENTERED AT 12:48:17 ON 14 JAN 2003

FILE 'BIOSIS' ENTERED AT 12:48:17 ON 14 JAN 2003

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FILE 'CAPLUS' ENTERED AT 12:48:17 ON 14 JAN 2003

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=> s (purif? or isolat?)(p)nucleic

L1 26707 (PURIF? OR ISOLAT?)(P) NUCLEIC

=> s l1 (p)immobiliz? (p)probe?

L2 134 L1 (P) IMMOBILIZ? (P) PROBE?

=> s l2 (p)electrophores?

L3 17 L2 (P) ELECTROPHORES?

=> s l3 (p)denatur?

L4 7 L3 (P) DENATUR?

=> d his

(FILE 'HOME' ENTERED AT 12:48:01 ON 14 JAN 2003)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 12:48:17 ON 14 JAN 2003

L1 26707 S (PURIF? OR ISOLAT?)(P)NUCLEIC

L2 134 S L1 (P)IMMOBILIZ? (P)PROBE?

L3 17 S L2 (P)ELECTROPHORES?

L4 7 S L3 (P)DENATUR?

L5 ANSWER 2 OF 4 MEDLINE
AN 1998435197 MEDLINE
DN 98435197 PubMed ID: 9762449
TI Mutation typing using electrophoresis and gel-immobilized Acrydite probes.
AU Kenney M; Ray S; Boles T C
CS Mosaic Technologies, Inc., Boston, MA, USA.
SO BIOTECHNIQUES, (1998 Sep) 25 (3) 516-21.
Journal code: 8306785. ISSN: 0736-6205.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; AIDS
EM 199811
ED Entered STN: 19990106
Last Updated on STN: 19990106
Entered Medline: 19981125

AB A new **electrophoresis** technology for hybridization-based sequence detection and mutation typing is described. Intrinsic to this approach is copolymerization of specially modified oligonucleotide **probes** directly into polyacrylamide gels. **Electrophoresis** of single-stranded samples through gels containing specific **immobilized probes** results in hybridization-mediated capture of complementary targets. By increasing gel temperature or including **denaturants** in the buffer, the method can be used to type single-nucleotide polymorphisms. The method can easily be adapted to type mutations in PCR-amplified samples. Acrydite gel technology will also be useful for many other applications, including hybridization-based diagnostics, analysis of gene expression and **purification** of **nucleic acids** from biological samples.